TM 11-6660-263-24-1

TECHNICAL MANUAL

ORGANIZATIONAL, DIRECT SUPPORT, AND GENERAL SUPPORT MAINTENANCE MANUAL FOR METEOROLOGICAL DATA PROCESSING GROUPS OL-192/GMD-1 (NSN 6660-01-065-4467) AND OL-192A/GMD-1 (NSN 6660-01-065-4466)

HEADQUARTERS, DEPARTMENT OF THE ARMY
17 APRIL 1980

Technical Manual
No. 11-6660-263-24-1

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REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in back of this manual direct to: Commander, US Army Communications and Electronics Materiel Readiness Command, ATTN: DRSEL-ME-MQ, Fort Monmouth, New Jersey 07703.

In either case a reply will be furnished direct to you.

TABLE OF CONTENTS

		Paragraph	*Page*
Chapter I	INTRODUCTION		
	Scope	1-1	1-1
	Indexes of Publications	1-2	1-1
	Maintenance Forms, Records, and Reports	1-3	1-1
	Reporting Equipment Improvement Recommendations (EIR)	1-4	1-1
	Purpose and Use	1-5	1-1
	Differences Between Models	1-6	1-1
	Items Comprising an Operable OL-192/GMD-1 or OL-192A/GMD-1	1-7	1-1
	Administrative Storage	1-8	1-1
	Destruction of Army Electronics Materiel	1-9	1-1
CHAPTER II	MAINTENANCE		
	Organizational Maintenance	2-1	2-1
	Direct Support Maintenance	2-2	2-1
	General Support Maintenance	2-3	2-1
APPENDIX A	REFERENCES		A-1
APPENDIX B	MAINTENANCE ALLOCATION		
Section I.	Introduction		B-1
II.	Maintenance Allocation Chart		B-3
III.	Tool and Test Equipment Requirements		B-6
IV.	Remarks		B-7

CHAPTER I

INTRODUCTION

1-1. Scope

a. This manual in conjunction with TM 11-6660-263-24-2, TM 11-6660-263-24-3, and TM 11-6660-263-24-4 comprise the organizational, direct support, and general support maintenance manuals for Meteorological Data Processing Groups OL-192/GMD-1 and OL-192A/GMD-1. Refer to Appendix A for titles of manuals and equipments covered. Refer to Appendix B for the Maintenance Allocation Chart (MAC).

b. The Repair Parts and Special Tools Lists (RPSTL) are included in TM 11-6660-263-20P and TM 11-6660-263-34P.

1-2. Indexes of Publications

a. DA Pam 310-4. Refer to the latest issue of DA Pam 310-4 to determine whether there are new editions, changes, or additional publications pertaining to the equipment.

b. DA Pam 310-7. Refer to DA Pam 310-7 to determine whether there are modification work orders (MWO's) pertaining to the equipment.

1-3. Maintenance Forms, Records, and Reports

a. Reports of Maintenance and Unsatisfactory Equipment. Department of the Army forms and procedures used for equipment maintenance will be those prescribed by TM 38-750, The Army Maintenance Management System.

b. Report of Packaging and Handling Deficiencies. Fill out and forward DD Form 6 (Packaging Improvement Report) as prescribed in AR 700-58/NAVSUPINST 4030.29/AFR 71-13/MCO P4030.29A, and DLAR 4145.8.

c. Discrepancy in Shipment Report (DISREP) (SF 361). Fill out and forward Discrepancy in Shipment Report (DISREP) (SF 361) as prescribed in AR 55-38/NAVSUPINST 4610.33B/AFR 75-18/MCO P4610.19C and DLAR 4500.15.

1-4. Reporting Equipment Improvement Recommendations (EIR)

If your equipment needs improvement, let us know. Send us an EIR. You, the user, are the only one who can tell us what you don't like about your equipment. Let us know why you don't like the design. Tell us why a procedure is hard to perform. Put it on an SF 368 (Quality Deficiency Report). Mail it to Commander, US Army Communications and Electronics Materiel Readiness Command, ATTN: DRSEL-ME-MQ, Fort Monmouth, New Jersey 07703. We'll send you a reply.

1-5. Purpose and Use

a. Purpose. Meteorological Data Processing Groups OL-192/GMD-1 and OL-192A/GMD-1 convert meteorological data from Radiosonde Recorder AN/TMQ-5 and Control Recorder C-577/GMD-1 (components of Rawinsonde System AN/GMD-1) into accurate realtime meteorological messages.

b. Use. Meteorological Data Processing Groups OL-192/GMD-1 and OL-192A/GMD-1 are used by artillery meteorological sections. The OL-192/GMD-1 is used by artillery meteorological sections of armored, infantry, and mechanized units authorized truck mounted Electronic Equipment Shelter S-281/G or Shop Van M109. The OL-192A/GMD-1 is used by artillery meteorological sections operating with airborne or airmobile units.

1-6. Differences Between Models

The OL-192/GMD-1 and OL-192A/GMD-1 operating components are functionally and electrically identical. However, the OL-192/GMD-1 is issued with a vehicular mounting rack; the OL-192A/GMD-1 is issued with two air transportable shock absorbing transit cases.

1-7. Items Comprising an Operable OL-192/GMD-1 or OL-192A/GMD-1

The major components are:

a. Calculator CP-1387/U. The CP-1387/U reduces data from AN/GMD-1 components to provide selected meteorological messages. Refer to TM 11-6660-263-24-2.

b. Reader/Perforator RP-263/GMD-1. The RP-263/GMD-1 reads radiosonde calibration tapes and punches meteorological messages for transmission over radio teletype networks. Refer to TM 11-6660-263-24-3.

c. Cable Assembly, Special Purpose CX-13096/U. The CX-13096/U electronically interfaces Calculator CP-1387/U with Perforator/Reader RP-263/GMD-1. Refer to TM 11-6660-263-24-4.

1-8. Administrative Storage

Refer to TM 11-6660-263-10, Chapter 1, for administrative storage.

1-9. Destruction of Army Electronics Materiel

Destruction of Army electronics materiel to prevent enemy use shall be in accordance with TM 750-244-2.

CHAPTER II

MAINTENANCE

2-1. Organizational Maintenance

Organizational maintenance functions for the OL-192/GMD-1 and OL-192A/GMD-1 are specified in Section II of Appendix B. Tools and test equipment required are specified in Section III of Appendix B.

2-2. Direct Support Maintenance

Direct support maintenance functions for the OL-192/GMD-1 and OL-192A/GMD-1 are specified in Section II of Appendix B. Tools and test equipment required are specified in Section III of Appendix B.

2-3. General Support Maintenance

General support maintenance functions for the OL-192/GMD-1 and OL-192A/GMD-1 are specified in Section II of Appendix B.Tools and test equipment required are specified in Section III of Appendix B.

APPENDIX A

REFERENCES

Following is a list of publications which are applicable and available to the technician of the Meteorological Data Processing Groups OL-192/GMD-1 and OL-192A/GMD-1.

DA Pam 310-4	Index of Technical Publications: Technical Manuals, Technical Bulletins, Supply Manuals (Types 7, 8, and 9), Supply Bulletins and Lubrication Orders.
DA Pam 310-7	US Army Index of Modification Work Orders.
TM 11-6660-263-10	Operator's Manual for Meteorological Data Processing Groups OL-192/GMD-1 (NSN 6660-01-065-4467) and OL-192A/GMD-1 (NSN 6660-01-065-4466).
TM 11-6660-263-20P	Organizational Repair Parts and Special Tools List for Meteorological Data Processing Groups OL-192/GMD-1 (NSN 6660-01-065-4467) and OL-192A/GMD-1 (NSN 6660-01-065-4466).
TM 11-6660-263-24-2	Organizational, Direct Support, and General Support Maintenance Manual for Meteorological Data Processing Groups OL-192/GMD-1 (NSN 6660-01-065-4467) and OL-192A/GMD-1 (NSN 6660-01-065-4466); Calculator CP-1387/U (NSN 7420-01-026-2686).
TM 11-6660-263-24-3	Organizational, Direct Support and General Support Maintenance Manual for Meteorological Data Processing Groups OL-192/GMD-1 (NSN 6660-01-065-4467) and OL-192A/GMD-1 (NSN 6660-01-065-4466); Reader/Perforator RP-263/GMD-1 (NSN 6660-01-068-8642) (Remex Tape Reader/Perforator RAB 612XBA).
TM 11-6660-263-24-4	Organizational, Direct Support, and General Support Maintenance Manual for Meteorological Data Processing Groups OL-192/GMD-1 (NSN 6660-01-065-4467) and OL-192A/GMD-1 (NSN 6660-01-065-4466); Cable Assembly, Special Purpose CX-13096/U.
TM 11-6660-263-40P	Direct Support and General Support Repair Parts and Special Tools List for Meteorological Data Processing Groups OL-192/GMD-1 (NSN 6660-01-065-4467) and OL-192A/GMD-1 (NSN 6660-01-065-4466).
TM 38-750	The Army Maintenance Management System (TAMMS).
TM 750-244-2	Procedures for Destruction of Electronics Materiel to Prevent Enemy Use (Electronics Command).

APPENDIX B

MAINTENANCE ALLOCATION

Section I. INTRODUCTION

B-1. General.

This appendix provides a summary of the maintenance operations for OL-192/GMD-1 and OL-192A/GMD-1. It authorizes categories of maintenance for specific maintenance functions on repairable items and components and the tools and equipment required to perform each function. This appendix may be used as an aid in planning maintenance operations.

B-2. Maintenance Function.

Maintenance functions will be limited to and defined as follows:

a. Inspect. To determine the serviceability of an item by comparing its physical, mechanical, and/or electrical characteristics with established standards through examination.

b. Test. To verify serviceability and to detect incipient failure by measuring the mechanical or electrical characteristics of an item and comparing those characteristics with prescribed standards.

c. Service. Operations required periodically to keep an item in proper operating condition, i.e., to clean (decontaminate), to preserve, to drain, to paint, or to replenish fuel, lubricants, hydraulic fluids, or compressed air supplies.

d. Adjust. To maintain, within prescribed limits, by bringing into proper or exact position, or by setting the operating characteristics to the specified parameters.

e. Align. To adjust specified variable elements of an item to bring about optimum or desired performance.

f. Calibrate. To determine and cause corrections to be made or to be adjusted on instruments or test measuring and diagnostic equipments used in precision measurement. Consists of comparisons of two instruments, one of which is a certified standard of known accuracy, to detect and adjust any discrepancy in the accuracy of the instrument being compared.

g. Install. The act of emplacing, seating, or fixing into position an item, part, module (component or assembly) in a manner to allow the proper functioning of the equipment or system.

h. Replace. The act of substituting a serviceable like type part, subassembly, or module (component or assembly) for an unserviceable counterpart.

i. Repair. The application of maintenance services (inspect, test, service, adjust, align, calibrate, replace) or other maintenance actions (welding, grinding, riveting, straightening, facing, remachining, or resurfacing) to restore serviceability to an item by correcting specific damage, fault, malfunction, or failure in a part, subassembly, module (component or assembly), end item, or system.

j. Overhaul. That maintenance effort (service/action) necessary to restore an item to a completely serviceable/operational condition as prescribed by maintenance standards (i.e., DMWR) in appropriate technical publications. Overhaul is normally the highest degree of maintenance performed by the Army. Overhaul does not normally return an item to like new condition.

k. Rebuild. Consists of those services/actions necessary for the restoration of unserviceable equipment to a like new condition in accordance with original manufacturing standards. Rebuild is the highest degree of materiel maintenance applied to Army equipment. The rebuild operation includes the act of returning to zero those age measurements (hours, miles, etc.) considered in classifying Army equipments/components.

B-3. Column Entries.

a. Column 1, Group Number. Column 1 lists group numbers, the purpose of which is to identify components, assemblies, subassemblies, and modules with the next higher assembly.

b. Column 2, Component/Assembly. Column 2 contains the noun names of components, assemblies, subassemblies, and modules for which maintenance is authorized.

c. Column 3, Maintenance Functions. Column 3 lists the functions to be performed on the item listed in column 2. When items are listed without maintenance functions, it is solely for purpose of having the group numbers in the MAC and RPSTL coincide.

d. Column 4, Maintenance Category. Column 4 specifies, by the listing of a "work time" figure in the appropriate subcolumn(s), the lowest level of maintenance authorized to perform the function listed in column 3. This figure represents the active time required to perform that maintenance function at the indicated category of maintenance. If the number or complexity of the tasks within the listed maintenance function vary at different maintenance categories, appropriate "work time" figures will be shown for each category. The number of

task-hours specified by the "work time" figure represents the average time required to restore an item (assembly, subassembly, component, module, end item or system) to a serviceable condition under typical field operating conditions. This time includes preparation time, troubleshooting time, and quality assurance/quality control time in addition to the time required to perform the specific tasks identified for the maintenance functions authorized in the maintenance allocation chart. Subcolumns of column 4 are as follows:

C-Operator/Crew
O-Organizational
F-Direct Support
H-General Support
D-Depot

e. Column 5, Tools and Equipment. Column 5 specifies by code, those common tool sets (not individual tools) and special tools, test, and support equipment required to perform the designated function.

f. Column 6, Remarks. Column 6 contains an alphabetic code which leads to the remark in section IV, Remarks, which is pertinent to the item opposite the particular code.

B-4. Tool and Test Equipment Requirements (Sect. III).

a. Tool or Test Equipment Reference Code. The numbers in this column coincide with the numbers used in the tools and equipment column of the MAC. The numbers indicate the applicable tool or test equipment for the maintenance functions.

b. Maintenance Category. The codes in this column indicate the maintenance category allocated the tool or test equipment.

c. Nomenclature. This column lists the noun name and nomenclature of the tools and test equipment required to perform the maintenance functions.

d. National/NATO Stock Number. This column lists the National/NATO stock number of the specific tool or test equipment.

e. Tool Number. This column lists the manufacturer's part number of the tool followed by the Federal Supply Code for manufacturers (5-digit) in parentheses.

B-5. Remarks (Sect. IV).

a. Reference Code. This code refers to the appropriate item in section II, column 6.

b. Remarks. This column provides the required explanatory information necessary to clarify items appearing in section II.

(Next printed page is B-3)

SECTION II MAINTENANCE ALLOCATION CHART FOR OL-192/GMD-1 AND OL-192A/GMD-1

(1) GROUP NUMBER	(2) COMPONENT/ASSEMBLY	(3) MAINTENANCE FUNCTION	(4) MAINTENANCE CATEGORY C	O	F	H	D	(5) TOOLS AND EQPT.	(6) REMARKS
00	METEOROLOGICAL DATA PROCESSING GROUP OL-192/GMD-1 AND OL-192A/GMD-1	INSPECT	.3						
		SERVICE	.2						
		SERVICE		.2				32	C,I
		REPAIR		.2				32	H
		ADJUST			.5	1.0		1,3or4,6, 7,18	
		REPAIR			1.0	1.0		1-11, 18,32	
		REPAIR					4.0		A,B
01	CALCULATOR, PROGRAMMABLE CP-1387/U	INSPECT	.1						
		SERVICE	.1						
		TEST		.1				10,11	
		REPAIR		.2				1	C
		ADJUST			.5			3 or 4,7	
		REPAIR			1.0			1,7,9,10 11,12,13	A,B
0101	MEMORY ASSEMBLY	REPAIR			.2			1,9,10	J,E
010101	16K BYTE READ WRITE MEMORY CIRCUIT CARD	REPLACE			1.0			1.9.10	
		REPAIR					B		B
010102	8K BYTE READ WRITE MEMORY CIRCUIT CARD	REPLACE			1.0			1,9,10	
		REPAIR					B		B
0102	CIRCUIT CARD ASSEMBLY PROCESSOR BOARD	ADJUST			.5			1,3or4	
		REPLACE			1.0			1,9,10	
		REPAIR					B		B
0103	CIRCUIT CARD ASSEMBLY TAPE TRANSPORT LOGIC BOARD	REPLACE			.8			1,9,10	
		REPAIR					B		
0104	BASE ASSEMBLY	REPAIR			1.0			1,9,10	
010401	CIRCUIT CARD ASSEMBLY ROM INTERFACE	TEST			.3			10	
		REPLACE			1.0			1,9	
010402	CIRCUIT CARD ASSEMBLY POWER SUPPLY BOARD	TEST			.5			7	
		REPLACE			.5			1	
		REPAIR					4.0	1,7	A
010403	CIRCUIT CARD ASSEMBLY I/O INTERFACE	TEST			.3			1,8,10	D
		REPLACE			.3			1	
010404	HOUSING ASSEMBLY, TRANSFORMER	REPAIR			.4			1,7	
0105	BEZEL ASSEMBLY, CALC	REPAIR			1.0			1,9,10,1	
010501	TRANSPORT, MAG. TAPE	REPLACE			1.0			1,10,11	
		REPAIR					B		
010502	PRINTER, THERMAL	REPLACE			1.0			1,10,11	
		REPAIR					2.0	1,10,12, 13	A
010503	DISPLAY BOARD	REPLACE			.8			1,10	
		REPAIR					B		
010504	KEY BOARD, CALCULATOR	REPLACE			1.0			1	D
0106	KEY BOARD, DISPLAY PRINTER BOARD ASSEMBLY	REPLACE			1.0			1,10	
		ADJUST			.5			1	
		REPAIR					B		
0107	MAINFRAME ROM	REPLACE			.2			10	
		REPAIR					B		
0108	ROM, STRING-ADVANCED PROGRAM	REPLACE			.2			10	
		REPAIR					B		
0109	ROM, GENERAL I/O, EXTENDED I/O	REPLACE			.2			10	
		REPAIR					B		

SECTION II MAINTENANCE ALLOCATION CHART FOR

OL-192/GMD-1 and OL-192A/GMD-1

(1) GROUP NUMBER	(2) COMPONENT/ASSEMBLY	(3) MAINTENANCE FUNCTION	(4) MAINTENANCE CATEGORY C	O	F	H	D	(5) TOOLS AND EQPT.	(6) REMARKS
02	PERFORATOR/READER RP-263/GMD-1	INSPECT	.2					18	
		SERVICE	.2						
		SERVICE		.2					
		TEST				1.0		1,4,6,7	
		ADJUST				1.0		1,4,6,7, 18	
		REPAIR		.5				18,29,30	C
		REPAIR				1.0		1,4,5,6, 7,18,29, 31	
		REPAIR					4.0	1,4,5,6, 7,18,29, 31,15,24	
0201	PERFORATOR ASSEMBLY	INSPECT	.1						
		SERVICE		.3					L
		TEST				.5		7,4	
		REPLACE				1.0		1	
		REPAIR	.1					18,32	I
		REPAIR					B		
0202	FRONT PANEL ASSEMBLY	REPAIR				1.5		1,4,7	
0203	READER PANEL ASSEMBLY	TEST				.5		1,4,6,7	
		REPLACE				.5		1	
		REPAIR				.5		1,6,7	
		REPAIR					8.0	1,3,4,5, 6,7,24	A,K
0204	CHASSIS ASSY	REPAIR		.3					C
		REPAIR				1.5		1,4,6,7 31	J
		REPAIR					4.0	1,4,6,7 25,26,31	
020401	SUPPLY DECK	ADJUST				1.0		1,31	
		REPLACE				1.9		1	
		REPAIR					2.0	1	A
0205	PERFORATOR LOGIC CARD ASSEMBLY	ADJUST				1.0		1,4	
		REPLACE				.3			
		TEST				1.0		1,4,6,7	
		REPAIR					2.0	1,4,5,7, 15,25	A
0206	PERFORATOR DRIVER CARD ASSEMBLY	TEST				1.0		4,6,7	
		REPLACE				.3			
		REPAIR					2.0	1,4,6,7, 15,25	A
0207	READER CARD ASSEMBLY	TEST				1.0		4,6,7	
		REPLACE				.3			
		REPAIR					2.0	1,4,6,7, 15.25	A
0208	POWER SUPPLY ASSEMBLY	ADJUST				.7		1,6	C
		REPAIR		.3					
		REPAIR				1.5		1,6	J
		REPAIR					4.0	1,4,6,15	A
020801	PRINTED CIRCUIT CARD ASSEMBLY, POWER SUPPLY	TEST				1.0		1,6	
		REPLACE				.3			
		ADJUST				.7		1,6	
		REPAIR		.3					C
		REPAIR					3.0	1,4,6,15 25	A
03	CABLE ASSEMBLY, SPECIAL PURPOSE CX-13096/U	TEST			.2			10,8,1,7	
		REPLACE			.1				
		REPAIR					2.0	1,4or29, 30	A
0301	CONTROL BOARD ASSEMBLY (A1)	REPAIR					1.8	1,4or29, 30	A

SECTION II MAINTENANCE ALLOCATION CHART
FOR

OL-192/GMD-1 AND OL-192A/GMD-1

(1) GROUP NUMBER	(2) COMPONENT/ASSEMBLY	(3) MAINTENANCE FUNCTION	(4) MAINTENANCE CATEGORY					(5) TOOLS AND EQPT.	(6) REMARKS
			C	O	F	H	D		
0302	DATA BOARD ASSEMBLY (A3)	REPAIR					1.8	1,4or 29,30	A
04	METEOROLOGICAL DATA PROCESSING GROUP CT-7761/GMD-1	REPAIR			1.0			1,7	F
05	CASE, CALCULATOR, PROGRAMMABLE CY-7762/GMD-1	REPAIR			1.0			1,7	G
06	CASE, READER-PERFORATOR CY-7763	REPAIR			1.0			1,7	G

SECTION III TOOL AND TEST EQUIPMENT REQUIREMENTS FOR

OL-192/GMD-1 AND OL-192A/GMD-1

TOOL OR TEST EQUIPMENT REF CODE	MAINTENANCE CATEGORY	NOMENCLATURE	NATIONAL/NATO STOCK NUMBER	TOOL NUMBER
1	O,F,H,D	TOOL KIT TK-105/G	5180-00-610-8177	
3	F,H,D	COUNTER, ELECTRONIC DIGITAL READOUT AN/USM-207A	6625-00-044-3228	
4	F,H,D	OSCILLOSCOPE, AN/USM-281/A	6625-00-228-2201	
5	F,H,D	GENERATOR PULSE, SG-366	6625-00-682-9496	
6	F,H,D	VOLTMETER, DIGITAL AN/GSM-64B	6625-00-022-7894	
7	F,H,D	MULTIMETER, TS-352B	6625-00-553-0142	
8	F,H,D	H.P. 980328 TEST CONNECTOR		98241-67932
9	F,H,D	TOOL, CONNECTOR EXTRACTOR H.P.		8710-0586
10	O,F,H,D	SYSTEM TEST CARTRIDGE H.P.		09825-90036
11	O,F,H,D	BLANK TAPE CARTRIDGE		9162-0061
12	F,D	FIXTURE, PRINTHEAD ALIGNMENT H.P.		98240-67901
13	F,D	TOOL PRINTHEAD ALIGN H.P.		8710-0693
15	D	EXTENDER BOARD (REMEX)		111041
18	C,O,F,H,D	TAPE GUIDE SET TOOL		SC-B-937534
24	D	FLEXIBLE FEELER, GAUGE (0.010 TO .011 IN)		
25	D	EXTRACTOR TOOL		45477-1(AMP) 716056-113(REMEX)
29	H,D	LOGIC PROBE H.P.		10525A
30	H,D	EXTENDER BOARD H.P.		98-241-67901
31	H,D	SCALE, DIAL INDICATOR	6670-00-151-5335	IM-2
32	O,H	TOOL KIT TK-101/G	5180-00-064-5178	

DRSEL-MA Form 1 Oct 77 6013

(Edition of 1 Oct 74 may be used until exhausted)

HISA-FM 2132-77

SECTION IV. REMARKS

REFERENCE CODE	REMARKS
A	Repair in Army Depot.
B	Repair by Return to MFG. Parts not in supply system Tools not listed
C	By replacing fuses, air filter, etc.
D	Shown for information only.
E	By replacing hinges, stand-off, memory jumper.
F	OL-192/GMD-1 Configuration only.
G	OL-192A/GMD-1 Configuration only.
H	Repair by replacing fuses.
I	Repair by replacing or adjusting Tape Guide/Edge Guide Assembly.
J	Repair by replacing circuit cards, blower motor and Transformer.
K	Repair by replacing lamp.
L	Lubricate and clean.

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RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL MANUALS

SOMETHING WRONG WITH THIS MANUAL?

THEN. . .JOT DOWN THE DOPE ABOUT IT ON THIS FORM, TEAR IT OUT, FOLD IT AND DROP IT IN THE MAIL!

FROM: (YOUR UNIT'S COMPLETE ADDRESS)
Commander
Stateside Army Depot
ATTN: AMSTA-US
Stateside, N.J. 07703

DATE 10 July 1975

PUBLICATION NUMBER	DATE	TITLE
TM 11-5840-340-12	23 Jan 74	Radar Set AN/MPQ-76

BE EXACT. . .PIN-POINT WHERE IT IS

PAGE NO.	PARAGRAPH	FIGURE NO.	TABLE NO.	IN THIS SPACE TELL WHAT IS WRONG AND WHAT SHOULD BE DONE ABOUT IT:
2-25	2-28			Recommend that the installation antenna alignment procedure be changed throughout to specify a 2° IFF antenna lag rather than 1°. REASON: Experience has shown that with only a 1° lag, the antenna servo system is too sensitive to wind gusting in excess of 20 knots, and has a tendency to rapidly accelerate and decelerate as it hunts, causing strain to the drive train. Hunting is minimized by adjusting the lag to 2° without degradation of operation.
3-10	3-3		3-1	Item 5, Function column. Change "2 db" to "3db." REASON: The adjustment procedure for the TRANS POWER FAULT indicator calls for a 3 db (500 watts) adjustment to light the TRANS POWER FAULT indicator.
5-6	5-8			Add new step f.1 to read, "Replace cover plate removed in step e.1, above." REASON: To replace the cover plate.
		F03		Zone C 3. On J1-2, change "+24 VDC to "+5 VDC." REASON: This is the output line of the 5 VDC power supply. + 24 VDC is the input voltage.

TYPED NAME, GRADE OR TITLE, AND TELEPHONE NUMBER
SSG I. M. DeSpiritof 999-1776

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DA FORM 1 AUG 74 2028

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